Lets create a Database
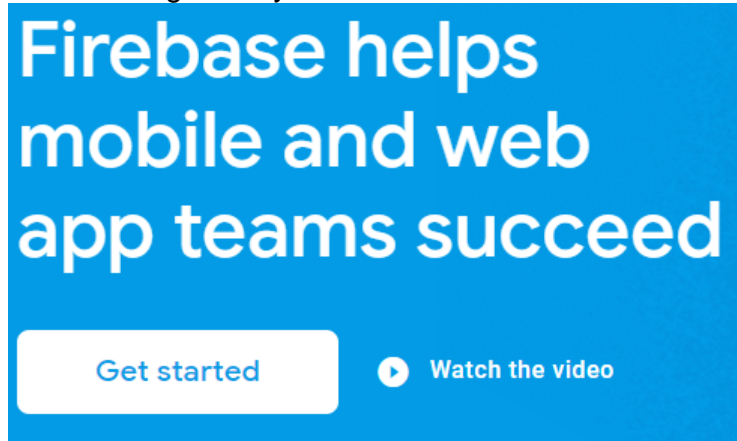
Before doing these Steps make sure you have a Google Account if not Sign Up as Firebase is provided by Google.

Step 1
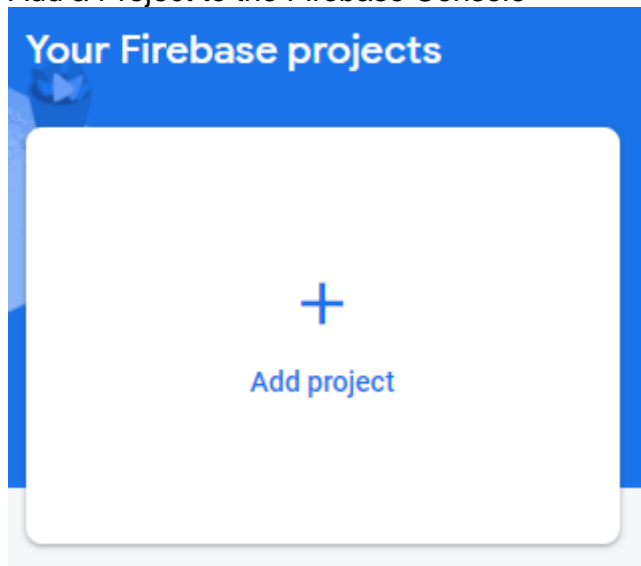Lets go to Firebase 27

Step 2
Click on Get Started, if you haven't logged in to Google Account, you will be redirected to Sign In to Google Account Page else you will be redirected to Firebase Console.

Step 3
Add a Project to the Firebase Console

Step 4
Enter a Project Name and press Continue

Creating and Connecting our own Database to Firebase700×550 17.6 KB

Step 5
You can Allow Google Analytics in your Firebase Project

Creating and Connecting our own Database to Firebase632×590 27 KB

Step 6

Step 7
After your Project is created, click on Continue
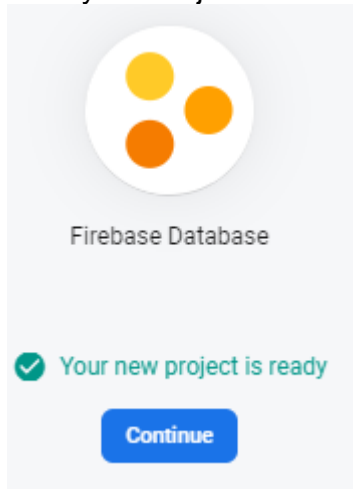
Step 8
On the Left Panel, next to Project Overview, Click on the Settings Icon, and then click on Project Settings.

Creating and Connecting our own Database to Firebase439×642 41.8 KB

Step 9
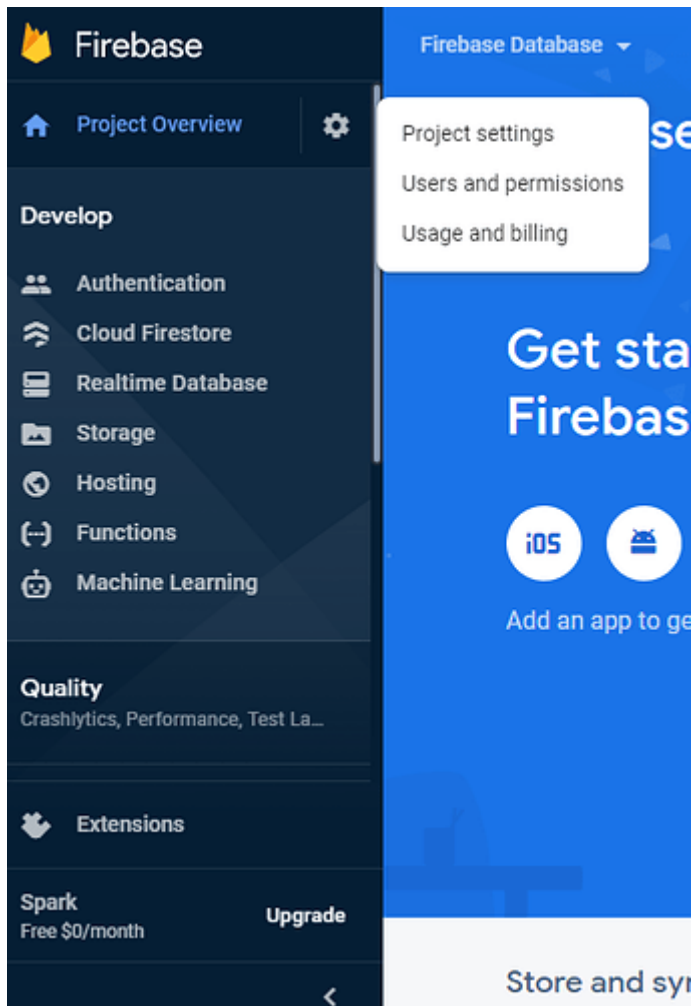Copy the Web API and Paste it on Firebase Token

Step 10
Click on Realtime Database
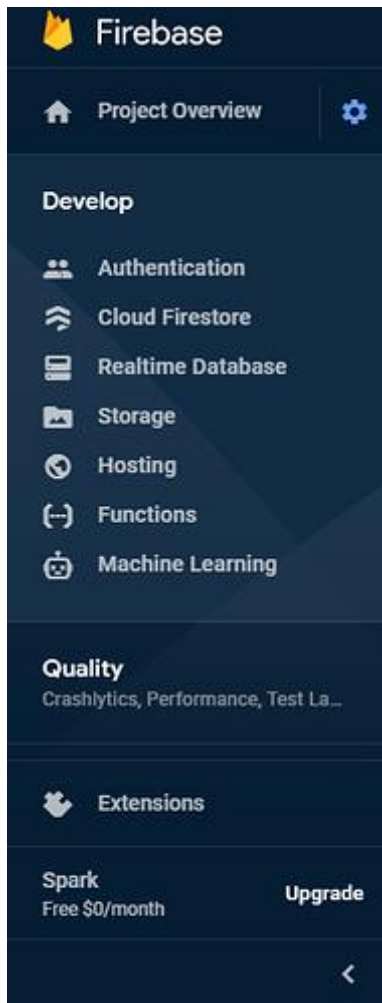
246×649 22.7 KB

Step 11
Click on Create Database

Creating and Connecting our own Database to Firebase1007×319 75.3 KB

Step 12
Enable in the Test mode better than locked mode.

Creating and Connecting our own Database to Firebase786×396 28.2 KB

Step 13

You may choose the Location of the Project Bucket or Firebase may not prompt you.

IMPORTANT: Don't Change USA default location. AI2 have issues with other region.

Step 14

Click on the Rules Panel
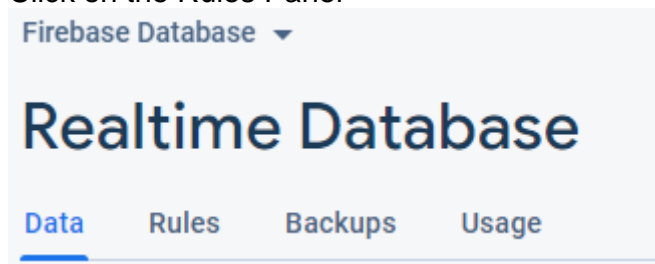
Step 15

We need to edit the rules the current rules says that Firebase will not let the device to store or retrieve the data so, set the rules as follows bellow

```
{
  "rules": {
    ".read": true,
    ".write": true
  }
}
```

Step 16

Click on Publish

```
1 ▾    {|
2 ▾      "rules": {
3          ".read": true,
4          ".write": true
5        }
6      }
```

Now Firebase will allow users
To Store or Append - write
Retrieve - Read

You may now get a warning saying that
"Your security rules are defined as public, so anyone can steal, modify, or delete data in your database"
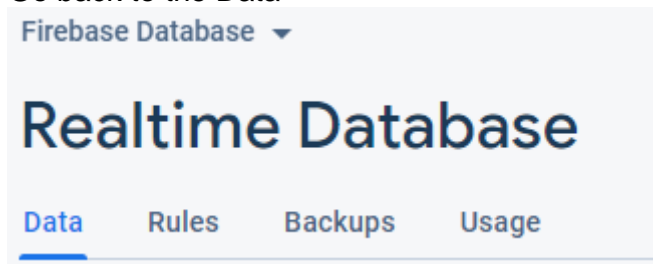This is because we have now let the users have the full control over Database but they will have the control only if we give them in the app.
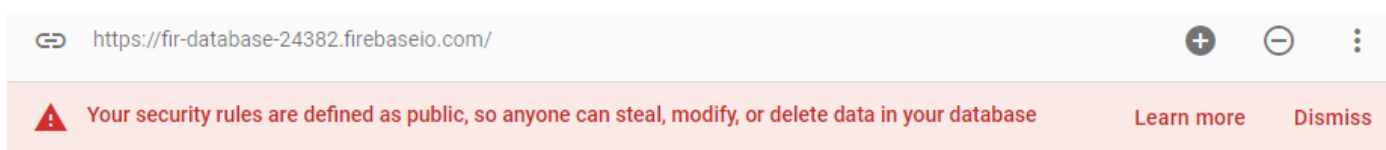
Step 17
Go back to the Data

Step 18
Over there copy the link,

Creating and Connecting our own Database to Firebase916×168 10.4 KB

And Paste it in the Firebase URL is the Designer.

Step 19
Enjoy, we have created and connected our Database to our App

Now all the Data is in your Project and you can control them and we have solved 50% of the issue of Firebase Append Error.
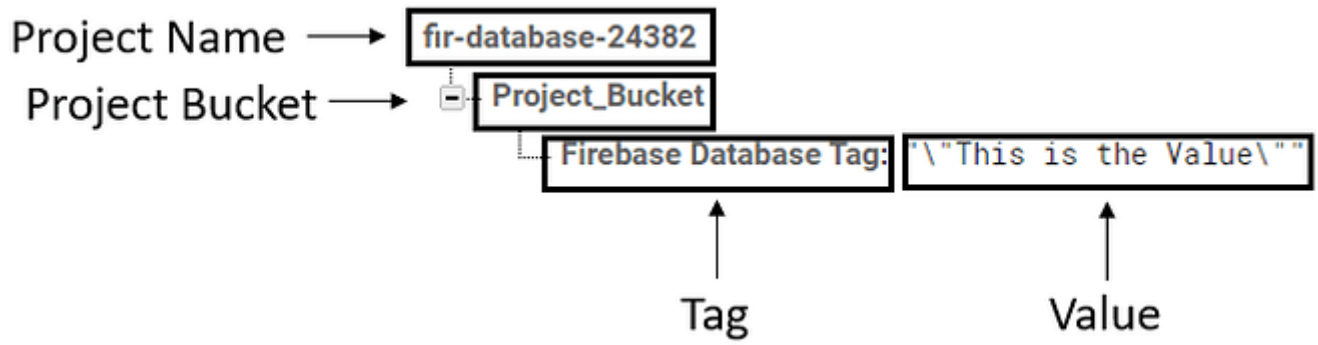
Structure of the Firebase Database

image705×198 19.3 KB

Whenever the Data Changes, the new value is appeared as green text and goes of.